International application No. PCT/KR2004/002945

Relevant to claim No.

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 C07K 19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

1PC 7: C07K, A61K, C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korcan Patents and Applications for INventions since 1975

Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used) NCBI, PubMed, Delphion, CA

Citation of document, with indication, where appropriate, of the relevant passages

C. DOCUMENTS CONSIDERED TO BE RELEVANT

 х	WO 01/03737 A1 (BOLDER BIOTECHNOLOGY INC.) Jan 18, 2001, See entire document.	1-26	
х	US 2002/0081664 A1 (Lo KM., et al) Jun 27, 2002, See entire document.	1-26	
х	van der Poll, T., et al. "Effect of a recombinant dimeric tumor necrosis factor receptor on inflammatory responses to intravenous endotoxin in normal humans" Blood, May 1997, Vol. 89(10): pages 3727-3734, See entire document.	1-26	

	Daniel or	documents	one listed	in the	continue	tion .	f Day	^

- Special categories of cited documents:
 "A" document defining the general state of the art which is not considered
- to be of particular relevance

 "E" earlier application or patent but published on or after the international
- filing date
 "L" document which may throw doubts on prior ity claim(s) or which is
 cited to establish the publication date of citation or other
 special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other
- "P" document published prior to the international filing date but later than the priority date claimed

Date of the actual completion of the international search

29 JANUARY 2005 (29.01.2005)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

X See patent family annex.

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination
- being obvious to a person skilled in the art
 "&" document member of the same patent family

Date of mailing of the international search report

31 JANUARY 2005 (31.01.2005)

Authorized officer

PARK, JEONG UNG

Telephone No. 82-42-481-8159



INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2004/002945

Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item1.b of the first sheet)

. With regard to any nucleotide and/or amino acid sequence disclosed in the international sinvention, the international search was carried out on the basis of :	application and necessary to the claimed
a. type of material X a sequence listing table(s) related to the sequence listing	
b. format of material X in written format X in computer readable form	
c. time of filing/furnishing Contained in the international application as filed Tiled together with the international application in computer readable form furnished subsequently to this Autherity for the purposes of search In addition, in the case that more than one version or copy of a sequence listing an	
or furnished, the required statements that the information in the subsequent or addi application as filed or does not go beyond the application as filed, as appropriate, v	
Additional comments:	

INTERNATIONAL SEARCH REPORT Information on patent family members

International application No. PCT/KR2004/002945

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
W0 01/03737 A1	Jan 18, 2001	EP 1187852 A1 W0 0069913 A1	Mar 20, 2002 Nov 23, 2000
US 2002/0081664 A1	Jun 27, 2002	EP 1200124 A1	May 22, 2002